#### 502246306 02/27/2013

## PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
Ronen Cohen	02/27/2013

## **RECEIVING PARTY DATA**

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## PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13779106

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NAME OF SUBMITTER: Patrick J. Buckley

Total Attachments: 3

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PATENT REEL: 029888 FRAME: 0449 OF \$40.00 13779106

Docket No.: 120232US01 (S20.164)

# ASSIGNMENT OF RIGHTS, TITLE AND INTEREST IN INVENTION

This is an Assi	gnment of the following rights, title and interest: (check all that apply)
□ United Sta	tes of America rights, title and interest in the invention
	ghts, title and interest in the invention
The follow	ring United States Patent Application
United	States Patent Application No.: 13/779,106
Which	was filed on: February 27, 2013
☐ United Sta	tes Provisional Patent Application Serial No.:
United Sta	tes Patent No(s).:
Internation	nal (PCT) Patent Application Serial No.:
Other (spe	cify):
SYSTEMS AND SERVICES INF	METHODS FOR VISUALIZING MASTER DATA ORMATION
	Inventors (assignors)
Name	Address
Ronen Cohen	SAP Global IP Group, SAP AG, Dietmar-Hopp-Allee 16, D-69190 Walldorf, Germany
	Assignee
Name	Address
SAP AG	Dietmar-Hopp-Allee 16, D-69190 Walldorf Germany

Docket No.: 120232US01 (S20.164)

Whereas, we, the above-identified Inventors, have invented certain new and useful improvements in the Invention identified above and described in the above-identified patent application(s) and/or patent(s) (hereinafter referred to as "Invention");

And, whereas we desire to assign our above-identified rights, title and interest in the Invention to the above-identified assignee;

Now, this indenture witnesseth, that for good and valuable consideration, the receipt whereof is hereby acknowledged;

We hereby assign, sell and transfer our above-identified rights, title and interest in said Invention, said application(s) as identified above, including any divisions, continuations, and continuations-in-part thereof, and in and to any and all Letters Patent of the United States, and countries foreign thereto, which may be granted or have granted for said Invention, and in and to any and all reissues and reexaminations thereof, and in and to any and all priority rights, Convention rights, and other benefits accruing or to accrue to us with respect to the filing of applications for patents or securing of patents in the United States and countries foreign thereto, unto said Assignee;

And we hereby authorize and request the Commissioner of Patents and Trademarks to issue any United States Letters Patent which may issue for said Invention to said Assignee, as assignee of the whole right, title and interest thereto;

And we further authorize and request that our attorney, Richard S. Finkelstein, of Buckley, Maschoff & Talwalkar LLC, insert the filing date and application number of the above-referenced patent application when known;

And we further agree to sign and execute all necessary and lawful future documents, including applications for foreign patents, for filing divisions, continuations and continuations-in-part of said application for patent, and/or, for obtaining any reissue or reissues of any Letters Patent which may be granted for my aforesaid Invention, as the Assignee or its Designee(s) may from time to time require and prepare at its own expense.

Docket No.: 120232US01 (S20.164)

Inventor's Signatures

Ronen Cohen: Ronen Chen Date: 27-2-2013
Witnessed by: YO LAM WEITMAN Date: 21-2-2015